Title (en)
INCREASING VALUE AND REDUCING FOLLOW-UP RADIOLOGICAL EXAM RATE BY PREDICTING REASON FOR NEXT EXAM

Title (de)
ERHÖHUNG DES WERTS UND REDUZIERUNG DER RATE AN RADIOLOGISCHEN NACHUNTERSUCHUNGEN DURCH VORHERSAGE DES GRUNDES FÜR DIE NÄCHSTE UNTERSUCHUNG

Title (fr)
AUGMENTATION D'UNE VALEUR ET RÉDUCTION DU TAUX D'EXAMEN RADIOLOGIQUE DE SUIVI PAR PRÉDICTION D'UNE RAISON POUR L'EXAMEN SUIVANT

Publication
EP 3180719 A1 20170621 (EN)

Application
EP 15771714 A 20150811

Priority
• US 201462036143 P 20140812
• IB 2015056110 W 20150811

Abstract (en)
[origin: WO2016024221A1] A system for predicting a reason for a patient's next exam include a clinical database storing one or more clinical documents including clinical data. A natural language processing engine processes the clinical documents to detected clinical data. A normalization engine semantically normalizes the clinical data with respect to an internal data structure and/or an ontology. A pattern recognition engine generates a mapping from a set of known reasons for exam from the normalized clinical data. A prediction engine generates a prediction for a reason for the patient's next exam.

IPC 8 full level
G16H 30/20 (2018.01); **G16H 50/20** (2018.01); **G16H 70/00** (2018.01)

CPC (source: EP RU US)
G06F 40/30 (2020.01 - US); **G06N 5/047** (2013.01 - US); **G06N 7/01** (2023.01 - US); **G06N 20/00** (2018.12 - US); **G16H 10/60** (2017.12 - RU); **G16H 30/20** (2017.12 - EP US); **G16H 40/20** (2017.12 - EP US); **G16H 50/20** (2017.12 - EP US); **G16H 70/00** (2017.12 - EP US)

Citation (search report)
See references of WO 2016024221A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016024221 A1 20160218; CN 106575318 A 20170419; EP 3180719 A1 20170621; JP 2017525043 A 20170831; RU 2017108186 A 20180913; RU 2017108186 A3 20190301; RU 2699607 C2 20190906; US 2017235892 A1 20170817

DOCDB simple family (application)
IB 2015056110 W 20150811; CN 201580043004 A 20150811; EP 15771714 A 20150811; JP 2017504401 A 20150811; RU 2017108186 A 20150811; US 201515502221 A 20150811